Maricopa County
Air Quality Department

AIR QUALITY DEPARTMENT
1001 North Central Avenue
Phoenix, AZ 85004

HICKMAN'S FAMILY FARMS
ATTN: GLENN HICKMAN
6515 S. JACKRABBIT TRAIL
BUCKEYE, AZ 85326

The purpose of the letter is to inform you that the application for a permit revision has been approved and will be incorporated into Air Quality Permit 040136. The applicable Permit Conditions are enclosed with this letter.

If you need assistance with the permit, please contact the Small Business Assistance/Ombudsman office at 602.506.5102 or contact the undersigned at 602.506.7248. Email communications may be sent to AQPermits@mail.maricopa.gov.

MARICOPA COUNTY AIR QUALITY DEPARTMENT

Engineering and Permitting Division

1001 N. Central Avenue, Suite 400, Phoenix, Arizona 85004
Phone: (602) 506-6010 Fax: (602) 506-6985

AIR QUALITY PERMIT TO OPERATE AND/OR CONSTRUCT

(As required by Title 49, Chapter 3, Article 2, Section 49-480, Arizona Revised Statutes)

ISSUED TO

Hickman's Egg Ranch
32425 W. Salome Highway
Arlington, 85322

This air quality permit to operate and/or construct does not relieve the applicant of the responsibility of meeting all air pollution regulations.

THE PERMITTEE IS SUBJECT TO THE SPECIFIC AND GENERAL CONDITIONS IDENTIFIED IN THIS PERMIT.

PERMIT NUMBER: 040136 **REVISION DATE:** 08/12/2013

REVISION NUMBER: 1.0.2.0 **EXPIRATION DATE:** 02/28/2015

Todd Martin

Todd Martin, Non-Title V Permit Supervisor

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Any cited regulatory paragraphs or section numbers refer to the version of the rules and regulations that were in effect on the first date of public notice of the applicable Permit Condition unless specified otherwise. However, in the event the rules and regulations are amended during the term of this Permit, the amended rules and regulations shall apply to this Permit. Whenever the term, Control Officer, is used in this Permit it shall be interpreted to mean, Control Officer or designated representative. Where the term "Rule" appears, it shall be construed to mean "Maricopa County Air Pollution Control Regulations" unless otherwise noted.

SPECIFIC CONDITIONS

CREMATORY

1. Operating Limits:

The Permittee shall not operate the crematory or connect it to a fuel source without first submitting an application for a permit revision in accordance with Rule 220 §405.2.

[Rule 220 §403.2]

ODOR CONTROL

2. Standards:

No person shall emit gaseous or odorous air contaminants from equipment, operations or premises under his control in such quantities or concentrations as to cause air pollution.

[Rule 320 §300]

a. Material Containment Required: Materials including, but not limited to, solvents or other volatile compounds, paints, acids, alkalies, pesticides, fertilizer and manure shall be processed, stored, used and transported in such a manner and by such means that they will not unreasonably evaporate, leak, escape or be otherwise discharged into the ambient air in such quantities or concentrations as to cause air pollutions smells, aromas or stenches commonly recognized as offensive, obnoxious or objectionable to a substantial part of a community. Where means are available to reduce effectively the contribution to air pollution from evaporation, leakage or discharge, the installation and use of such control methods, devices or equipment shall be mandatory.

[Rule 320 §302]

b. Reasonable Stack Height Required: Where a stack, vent or other outlet is at such a level that air contaminants are discharged to adjoining property, the Control Officer may require the installation of abatement equipment or the alteration of such stack, vent, or other outlet to a degree that will adequately dilute, reduce or eliminate the discharge of air contaminants to adjoining property.

[Rule 320 §303]

c. Limitation - Hydrogen Sulfide: No person shall emit hydrogen sulfide from any location in such a manner or amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises on which the source is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.

[Rule 320 §304]

3. Compliance Demonstration:

Within 90 days of either of the following, the Permittee shall perform a compliance demonstration by conducting a test to monitor hydrogen sulfide levels:

a. The receipt of three (3) odor complaints within any 12-month period; or

b. The reception of a written request from the Control Officer.

The compliance demonstration shall be performed at a location representing the nearest occupied place beyond the premises on which the source of hydrogen sulfide is located.

The Permittee shall perform an additional compliance demonstration within six (6) months of completing the initial demonstration. If the average hydrogen sulfide concentration is less than 0.03 ppmv in any of the first two compliance demonstrations, the monitoring shall be subsequently conducted on an annual basis. If the hydrogen sulfide concentration is less than 0.03 ppmv for two consecutive annual compliance

demonstrations, compliance demonstrations will no longer be required. If results from any annual compliance demonstration indicate that the hydrogen sulfide concentration is greater than 0.03 ppmv, the Permittee shall return to the semi-annual compliance demonstration schedule.

[Rule 320 §304]

The Permittee shall submit a report within 30 days of completion of each demonstration to the Control Officer, Attn: Compliance Division Manager that details the results of each compliance demonstration.

[Rule 220 §302.4]

4. Compliance Plan:

In the event of an exceedance of the hydrogen sulfide emission limitation, the Permittee shall submit a Compliance Plan to the Control Officer for approval within 120 days of the exceedance. The Compliance Plan shall include:

a. Technological evaluation of additional odor control alternatives at the plant.

b. Additional monitoring and/or air dispersion modeling to determine property line concentration of hydrogen sulfide based on the implementation of selected odor control alternatives.

c. Conceptual design and preliminary cost estimate for the proposed odor control alternatives.

d. Schedule for design and construction of the proposed control alternatives.

e. Description of recommended actions.

[Rule 220 §303]

EMERGENCY ENGINES

5. Operational Limitations:

a. The Permittee shall limit the operation of each emergency engine to no more than 100 hours each per calendar year for the purposes of maintenance checks and readiness testing.

[Rule 324 §§104.5, 205][40 CFR §§60.4211(e), 63.6640(f)(ii)]

b. The Permittee shall limit the total hours of operation of each emergency engine to no more than 343 hours each per any twelve consecutive months including the hours listed in Subsection [a] above. The daily trigger of Best Available Control Technology (BACT) has been exempted for the emergency engines.

[Rule 220 §302.2]

c. The emergency engine(s) shall not be used for peak shaving. The emergency engine(s) shall only be used for the following purposes:

i. For power when normal power service fails from the serving utility or if onsite electrical transmission or onsite power generation equipment fails;

ii. Reliability-related activities such as engine readiness, calibration, or maintenance or to prevent the occurrence of an unsafe condition during electrical system maintenance as long as the total number of hours of the operation does not exceed 100 hours per calendar year per engine as evidenced by an installed non-resettable hour meter;

[SIP Rule 324 §104] [40 CFR §§60.4211(e), 63.6640(f)(1)(ii)]

6. Fuel Limitations:

a. The Permittee shall not use any fuel that contains more than 0.05% sulfur by weight, alone or in combination with other fuels in the engines specified in Permit Condition 10.

[SIP Rule 324 §301.1]

b. The Permittee shall only use diesel fuel that has a minimum cetane index of 40 or a maximum aromatic content of 35 volume percent; and has a maximum sulfur content of 15 parts per million (ppm) in the engines specified in Permit Condition 11.

[40 CFR §§60.4207(a,b), 80.510(a,b)]

7. Monitoring:

The Permittee shall install a non-resettable hour meter prior to startup of the engine(s). The Permittee shall not operate the engine(s) unless the cumulative run time meter is installed and working properly.

[Rule 220 §302.4] [40 CFR §§60.4209, 63.6625(f)]

8. Opacity:

a. The Permittee shall not discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity, except as specified in Permit Condition 11.

b. Compliance with visible emissions shall be determined using the techniques specified in EPA Reference Method 9, 40 CFR Part 60, Appendix A.

[SIP Rule 324 §§303, 503.8]

9. New Source Performance Standards:

a. If the Permittee modifies or reconstructs a stationary compression ignition internal combustion engine after July 11, 2005, that engine shall comply with all applicable requirements of 40 CFR 60 Subpart IIII.

b. If the Permittee modifies or reconstructs the propane-fueled engine after June 12, 2006, that engine shall comply with all applicable requirements of 40 CFR 60 Subpart JJJJ.

[40 CFR §§ 60.4200(a)(3), 60.4230(a)(5)]

10. 40 CFR 63 Subpart ZZZZ Operating Requirements:

a. The following engines shall comply with all requirements of this Permit Condition

ID	Engine Make	Model	Model Year	Maximum Power
G-1	Cummins	350DFCC	1998	535 HP
G-2,3	Cummins	230DFAB	1998	380 HP
G-4	Cummins	DFAB-4046602	2000	380 HP
G-5	Cummins	230DFAB-1708	2001	380 HP
G-6	Cummins	DFAB-3382056	1999	380 HP
G-7	Cummins	DFAB-5664970	2004	380 HP
G-8	Onan	J040702290	2000	5.5 HP
G-9	Cummins	DFAB-5744265	2005	380 HP

[40 CFR §63.6590]

b. The Permittee shall operate and maintain each engine and associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Control Officer which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

[40 CFR §63.6605(b)]

c. The Permittee shall operate and maintain each engine according to the manufacturer's emission-related operation and maintenance instructions or develop and follow the Permittee's own maintenance plan which must provide to the extent practicable for the operation and maintenance of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

[40 CFR §63.6640(a)]

d. The Permittee shall comply with the following maintenance schedule for each engine:

i. Change oil and filter or perform an Oil Analysis Program every 500 hours of operation or annually, whichever comes first. The analysis program must at a minimum analyze the following

three parameters: Total Base Number, viscosity and percent water content. The condemning limits for these parameters are as follows:

1) Total Base Number is less than 30 percent of the Total Base Number of the oil when new;

2) Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new;

3) Percent water content (by volume) is greater than 0.5.

If none of these limits are exceeded, the Permittee is not required to change the oil. If any of the limits are exceeded, the Permittee must change the oil before continuing to use the engine. The Permittee must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine

ii. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary;

iii. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first, for the propane engine.

iv. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40 CFR §63.6603(a); Table 2d(4)]

e. If an engine is operating during an emergency and it is not possible to shut down the engine in order to perform the maintenance requirements on the schedule required by this Permit Condition, or if performing the maintenance operations on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the maintenance operations can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The maintenance operations shall be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the maintenance operations on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable, in accordance with Permit Condition 13.

[40 CFR §63.6603(a); Table 2d]

f. During periods of startup, the Permittee shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

[40 CFR §63.6625(h)]

11. NSPS Subpart IIII Requirements:

a. The following engines shall comply with the specified EPA emission standard and all requirements of this Permit Condition:

ID	Engine Make	Model	Model Year	Maximum Power	Emission Standard
G-1	Cummins	DFEG-4666167	2010	755 HP	Tier 2
G-10	Cummins	DSHAC-5843535	2007	310 HP	Tier 3
G-11	Cummins	DQDAA-5873218	2007	352 HP	Tier 3
G-12	Detroit - Series 60	SED350FRX4T3 39689	2008	685 HP	Tier 3
G-13,14	6090HF485 - John Deere	SED250FRJ4T3 39372	2008	422 HP	Tier 3
G-15	6068HF285 - John Deere	SED150FRJ4T3 39374	2008	237 HP	Tier 3
G-16	6090HF485 - John Deere	SD150RJ6T3	2008	422 HP	Tier 3
G-17,18,19	6090HF485 - John Deere	250RJS6DT3	2010	422 HP	Tier 3
G-20,21,22	Cummins	QSL9-G7	2012	464 HP	Tier 3
FM-1	Cummins	125DSGAB	2012	324 HP	Tier 3

[40 CFR §60.4205]

b. Additional Opacity Standard:
For 2007 model year and later CI ICE, the Permittee shall not allow exhaust opacity to exceed 15% during the lugging mode. This restriction does not apply to fire pump engines.
[40 CFR §§60.4205, 89.113(a)(2)]

c. Crankcase Emissions:
For the engines specified in Subsection [b] of this Permit Condition, the Permittee shall not discharge crankcase emissions into the ambient atmosphere, unless such crankcase emissions are permanently routed into the exhaust and included in all exhaust emission measurements. This provision does not apply to engines using turbochargers, pumps, blowers, or superchargers for air induction or fire pump engines.
[40 CFR §§60.4205, 89.112(e)]

d. The Permittee shall operate and maintain each engine according to the manufacturer's written instructions, or procedures developed by the Permittee that are approved by the engine manufacturer, over the entire life of the engine.

e. The Permittee shall only change those engine settings that are permitted by the manufacturer.

f. The Permittee shall meet the requirements of 40 CFR Part 89 as it applies.
[40 CFR §60.4211(a), 60.4206]

12. Recordkeeping:

a. The Permittee shall maintain the following records for a period of at least five years from the date of the records and make them available to the Control Officer upon request:

i. An initial one time entry listing the particular engine combustion type (compression or spark-ignition or rich or lean burn); manufacturer; model designation, rated brake horsepower, serial number and where the engine is located on the site.

ii. Monthly rolling twelve month total of hours of operation, including hours of operation for testing, reliability and maintenance.

iii. Fuel type and sulfur content of fuel.

iv. An explanation for the use of the engine if it is used as an emergency engine.
[SIP Rule 324 §502][40 CFR §§60.4214(b), 63.6655(f)]

v. Records of the following for each engine listed in Permit Condition 10:

1) Oil and filter change dates or oil analysis results and corresponding hours on the hour meter;

2) Inspection and replacement dates for air cleaners, spark plugs, hoses, and belts;

3) Records of other emission-related repairs and maintenance performed.
[40 CFR §§63.6655(e)(2), 63.6660]

b. The Permittee shall maintain a copy of manufacturer data for each engine listed in Permit Condition 11 indicating compliance with the standards in this Permit.
[Rule 220 §302.7][40 CFR §§60.4211(b)(3)]

c. For each engine listed in Permit Conditions 10 and 11, the Permittee shall maintain an onsite copy of the manufacturer's written instructions, or procedures developed by the Permittee in accordance with these Permit Conditions and make it available to MCAQD upon request.
[Rule 220 §302.7] [40 CFR §§63.6655(e)(2), 63.6660]

13. Reporting Requirements:

a. Fuel Sulfur Content Verification: If the Control Officer requests proof of the sulfur content of fuel burned in the engines, the Permittee shall submit fuel receipts, contract specifications, pipeline meter tickets, Material Safety Data Sheets (MSDS), fuel supplier information or purchase records, if applicable, from the fuel supplier, indicating the sulfur content of the fuel oil. In lieu of these, testing of

the fuel oil for sulfur content to meet the applicable sulfur limit shall be permitted if so desired by the owner or operator for evidence of compliance

[Rule 220 §302.7]

b. Deviations from ICE Maintenance Schedule: The Permittee shall report any failure to perform a maintenance operation on the schedule required by Permit Condition 10 of this Permit and the Federal, State or local law under which the risk was deemed unacceptable. The Report shall be submitted to the Control Officer, Attn: Compliance Division Manager, within 2 working days after the date on which the maintenance operation was required to be performed. A subsequent report shall be submitted to the Control Officer within 2 working days after the required maintenance operation is performed.

[Rule 220 §302.8; Rule 130 §402.4] [40 CFR §63.6640(b)]

14. Emergency Provisions:

The Permittee shall comply with all record keeping and reporting requirements of Rule 130 (Emergency Provisions) and Rule 140 (Excess Emissions) if the annual allowable hours of operation are exceeded.

[Rule 130; Rule 140]

GASOLINE STORAGE AND DISPENSING

15. Allowable Emissions:

Vapor loss from the source at any point in time shall not exceed 10,000 ppm as methane as measured by an organic vapor analyzer or combustible gas detector.

[Rule 353 §§218, 301]

16. Allowable Throughput:

The Permittee shall limit the delivery of gasoline to the facility to less than 10,000 gallons per month and less than 120,000 gallons per year.

[Rule 220 §302, Rule 353 §305.2]

17. Vapor Loss Control Measures:

No vapor or liquid escapes are allowed through a dispensing tank's outer surfaces, nor from any of the joints where the tank is connected to pipe(s), wires, or other system.

a. VOC Emission Standard:
Tanks and their fittings shall be vapor tight except for the outlet of a pressure/vacuum relief valve on a dispensing tank's vent pipe. Specifically, this means that at a probe tip distance of 1 inch (2.5 cm) from a surface, no vapor escape shall exceed 1/5 of the lower explosive limit. This applies to tanks containing gasoline regardless of whether they are currently being filled, and to caps and other tank fittings.

[Rule 353 §301.1.b]

b. Leakage Limits – Liquid Leaks and Spills:

i. Gasoline storage and receiving operations shall be leak free. Specifically, no liquid gasoline escape of more than 3 drops per minute is allowed. This includes leaks through the walls of piping, fittings, fill hose(s), and vapor hose(s).

ii. All open gasoline containers shall be covered with a gasketed seal when not in use.

iii. There shall be no excess gasoline drainage from the end of a fill hose or a vapor hose. Specifically, not more than 2 teaspoonsful of gasoline shall be lost in the course of a connect or disconnect process.

iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

[Rule 353 §301.2] [40 CFR §63.11116]

c. Spill Containment: The entire spill containment system including gaskets shall be kept vapor-tight.

i. The Spill Containment Receptacle:

1) The outer surface of the spill containment receptacle shall have no holes or cracks and shall allow no vapors to pass from the dispensing tank through it to the atmosphere.

2) Spill containment receptacles shall be kept clean and free of foreign material at all times.

[Rule 353 §301.3.a]

ii. If the spill containment is equipped with a passageway to allow material trapped by the containment system to flow into the interior of the dispensing tank:

1) The passageway shall be kept vapor tight at all times, except during the short period when a person opens the passageway to immediately drain material trapped by the containment system into the tank.

2) The bottom of the receptacle shall be designed and kept such that no puddles of gasoline are left after draining through the passageway has ceased.

[Rule 353 §301.3.b]

iii. The dispensing tank owner/operator is responsible for assuring that before a delivery vessel leaves the premises after a delivery:

1) Any gasoline in the spill containment system and vault shall be cleaned up as expeditiously as practicable and shall be removed prior to delivery trucks leaving the site.

2) Any gasoline absorbed onto other materials shall be contained in order to minimize emissions prior to delivery trucks leaving the site.

3) Any plunger/stopper assembly is unimpeded and sealing correctly prior to delivery trucks leaving the site.

[Rule 353 §301.3.c] [40 CFR §63.11116]

d. Fill Pipe:

Tanks shall not be equipped with more than one fill pipe.

[Rule 353 §302.3(a)]

i. The tank shall be equipped with a permanent submerged fill pipe, the end of which is totally submerged when the liquid level is 6 inches from the bottom of the tank;

[Rule 353 §302.1]

ii. Threads and gaskets shall be kept vapor tight;

[Rule 353 §302.1(a)]

iii. Fill pipe caps shall have a secure, intact gasket which latches completely and has no structural defects;

[Rule 353 §§302.2(a), 302.2(b)] [40 CFR §63.11116]

iv. The fill pipe caps may only be removed to measure the gasoline depth in the tank, deliver gasoline, or for testing, maintenance, and inspection of the vapor recovery system;

[Rule 353 §302.2(c)]

v. Overfill prevention equipment shall be kept vapor tight so that no emissions from the tank can penetrate into the fill-pipe or atmosphere;

[Rule 353 §302.5]

vi. Fill Pipe Obstructions:

1) Any type of screen or obstruction in fill-pipe assemblies shall be removed as of November 1, 1999 unless it is approved in writing by the Control Officer or is CARB-certified per Rule 353 §503.4.

2) A screen or other obstruction, allowed by Air Pollution Permit or CARB, shall be temporarily removed by the owner/operator of a dispensing tank prior to inspection by the Control Officer to allow measurements pursuant to this rule.

[Rule 353 §302.4]

18. Operating & Inspection Requirements:
The Permittee shall:

a. Prohibit concurrent delivery of gasoline to a tank with more than 1 fill pipe.

[Rule 353 §302.3(b)]

b. Inspect spill containment receptacles weekly for cracks, defects, foreign material, and spilled gasoline. Records shall be maintained as specified below.

[Rule 353 §301.3(a)(3)]

c. External fittings of the fill pipe assembly shall be inspected weekly to assure that the cap, gasket, and piping are intact and are not loose.

[Rule 353 §302.1(b)]

d. If deliveries are less than weekly, inspection and recording of the inspection at the time of each delivery will be considered an acceptable alternative to the weekly inspection and recordkeeping requirements of the rule.

19. Recordkeeping:
The Permittee shall keep the following records and supporting information no less than five years from the date of such record:

a. The total amount of gasoline received each month shall be recorded by the end of the following month.

b. Weekly inspection records of the fill pipe and spill containment shall be recorded by the end of Saturday of the following week.

c. Records of the last 12 months of gasoline throughput shall be onsite and readily available within 24 hours of a request by the Control Officer.

[Rule 353 §502]

ANIMAL FEED PRODUCTION OPERATIONS

20. Allowable Emissions:
The Permittee shall not allow emissions into the atmosphere in excess of any of the following:

	Daily Emission Limits	Twelve Month Rolling Total Emission Limits
Particulate Matter <10 Micron Diam. (PM_{10})	49.00 lbs	9.00 tons
Particulate Matter <2.5 Micron Diam. ($PM_{2.5}$)	27.00 lbs	5.00 tons
Particulate Matter (PM)	121.00 lbs	22.00 tons

Upon the request of the Control Officer, the Permittee shall calculate a daily emission rate by dividing the monthly emissions by the number of days of operation for that month.

The 12-month rolling total emissions shall be calculated monthly within 15 days following the end of each calendar month by summing the emissions over the most recent 12 calendar months. The Permittee shall keep this emission record on-site for inspection or submittal upon request

[Rule 220 §302.2]

21. Opacity
No person shall discharge into the ambient air from any single source of emissions any air contaminant, other than uncombined water, in excess of 20% opacity for a period aggregating more than three minutes in any 60-minute period.

a. If any non-compliant visible emissions (excluding water vapor) are detected or reported, the Permittee shall determine the cause and/or the source of emissions. The Permittee shall then take immediate corrective action(s) and if necessary, shut down the applicable equipment. If visible emissions

(excluding water vapor) exceed the above opacity standards subsequent to implementing corrective action(s), the Permittee shall shut down the applicable equipment and institute repairs or changes necessary to ensure compliance prior to resuming operations.

b. Opacity shall be determined by observations of visible emissions conducted in accordance with EPA Reference Method 9 as modified by EPA Reference Method 203B.

[Rule 300 §§301, 501]

22. Allowable Production Rate:
The Permittee shall limit feed production to no more than 20 tons per month and 240 tons per 12 consecutive-month period.

[Rule 220 §302.2]

23. Emission Limitation:
No Permittee shall discharge or cause or allow the discharge of particulate matter emissions into the ambient air from any affected operation in excess of the allowable hourly emission rate determined by the following equations:

a. Determination of the allowable hourly emission rates (E) shall be accomplished by the use of the equation:

$E = 17.31\ P^{0.16}$

Where:

E = Emissions in pounds per hour, and
P = Process weight rate in tons per hour.

b. The total process weight from all similar operations at a facility, plant or premises shall be used for determining the maximum allowable emissions of particulate matter.

[Rule 311 §§301, 302]

24. Emission Control System:
The corn grinder(s) and feed mixer(s) shall be self-contained and not vented to the atmosphere during operation.

[Rule 311 §304; Rule 220 §302.2]

25. Record Keeping:
The Permittee shall keep the following records on site and available upon request. The records shall be retained for 5 years.

These records shall be updated each day of operation and include at a minimum the following information: a record of the total weight of all process materials including raw materials, additives, fuels, etc., which are put into a process flow at the beginning of each batch process shall be kept on site. This shall include all materials which participate in the process and are changed in mass, form, state or in other characteristics by means of their interaction in the given process. The duration of each separate batch process shall also be recorded.

a. Batch process records: Maintain a record of the total weight of all process materials including raw materials, additives, and fuels which are put into a process flow at the beginning of each batch process shall be kept. This shall include all materials which participate in the process and are changed in mass, form, state or in other characteristics by means of their interaction in the given process. The duration of each separate batch process shall also be recorded.

b. Continuous or semi-continuous process records: Maintain a daily record of the weight of all process material entering into each process including raw materials, additives, fuels, the start time and the duration of each process run. In addition to the foregoing, records shall be kept for processes which run continuously for more than 24 hours. Such records shall include the total weight of any material entering into the process over the entire duration of the process run from start up to shut down and the total elapsed time of operation.

[Rule 311 §§502 and 503]

GENERAL CONDITIONS

26. Compliance:

a. The issuance of any Permit or Permit revision shall not relieve the Permittee from compliance with any Federal laws, Arizona laws, or the County or SIP Rules, nor does any other law, regulation or permit relieve the Permittee from obtaining a Permit or Permit revision required under the County Rules.

[Rule 200 §309; Rule 220 §406.3]

b. The Permittee shall comply with all conditions of this Permit including all applicable requirements of Federal laws, Arizona laws, and Maricopa County Air Pollution Control Rules and Regulations now in effect and as amended in the future. Any Permit noncompliance is grounds for enforcement action, Permit termination or revocation, or for denial of a renewal application. In addition, non-compliance with any federally enforceable requirements constitutes a violation of the Clean Air Act.

[A.A.C R18-2-306.A.8.a]

c. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with these Permit Conditions.

[Rule 220 §302.10, 11] [A.A.C. R18-2-306.A.8.b]

d. Rights and Privileges: This Permit does not convey any property rights or exclusive privilege of any sort.

[Rule 220 §302.12]

e. Fees: The Permittee shall pay all fees to the Control Officer in accordance with Rule 280. No permit or permit revision is valid until the applicable permit fee has been received and until the permit is issued by the Control Officer.

[Rule 200 §409; Rule 280 §302] [ARS 49-480(D)] [SIP Rule 28]

27. Malfunctions, Emergency Upsets, and Excess Emissions:

An affirmative defense of an emergency, excess emission, and/or during startup and shutdown shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence as outlined in Rule 130 for emergencies and Rule 140 for excess emissions.

[Rule 130 §§201, 400; Rule 140 §§400, 500] [SIP Rule 140]

28. Revision / Reopening / Revocation:

The Permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any Permit Condition.

[Rule 220 §302.11]

29. Records:

a. The Permittee shall furnish information that the Control Officer may request in writing to determine whether cause exists for revising, revoking and reissuing this permit, or terminating this permit, or to determine compliance with this permit. The information shall be provided in a timeframe specified by the Control Officer. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by this Permit. For information claimed to be confidential, the Permittee shall furnish a copy of such records directly to the Administrator along with a claim of confidentiality.

[Rule 220 §302.13] [SIP Rule 40]

b. If the Permittee fails to submit any relevant facts or has submitted incorrect information in a permit application, the Permittee shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. In addition, the Permittee shall provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application is filed but prior to release of a proposed permit. Willful misrepresentation of facts in a permit application is cause for revocation or denial of a permit.

[Rule 220 §§301.5, 301.6]

30. Right to Entry:

a. The Control Officer during reasonable hours, for the purpose of enforcing and administering County or SIP Rules or the Clean Air Act, or any provision of the Arizona Revised Statutes relating to the emission or control prescribed pursuant thereto, may enter every building, premises, or other place, except the interior of structures used as private residences. Every person is guilty of a petty offense under ARS 49-488 who in any way denies, obstructs or hampers such entrance or inspection that is lawfully authorized by warrant.

b. The Permittee shall allow the Control Officer or his designated representatives, upon presentation of proper credentials (e.g., Maricopa County Air Quality Department identification) and other documents as may be required by law, to:

i. Enter upon the Permittee's premises where a source is located or emissions-related activity is conducted, or where records are required to be kept pursuant to the conditions of the permit;

ii. Have access to and copy, at reasonable times, any records that are required to be kept pursuant to the conditions of the permit;

iii. Inspect, at reasonable times, any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required pursuant to this permit;

iv. Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the Permit or other applicable requirements; and

v. To record any inspection by use of written, electronic, magnetic, and photographic media.

[Rule 100 §105; Rule 220 §302.17-21] [SIP Rule 43]

31. Severability:

The rules, paragraphs, clauses, provisions, and/or sections of this Permit are severable, and, if any rule, paragraph, clause, provision, and/or section of this Permit is held invalid, the remainder of this Permit shall not be affected thereby.

[Rule 220 §302.9] [SIP Rule 80]

Equipment List

HICKMANS EGG RANCH
Permit Number 040136

Date Issued: 02/02/05
Revision: 1.0.2.1
Date: 07/30/2013

	Equipment Description	Rated Capacity	Quantity Exist/Future
EMERGENCY GENERATORS			
1.	EMERGENCY GENERATOR - G-1, DIESEL, ENGINE: CUMMINS 350DFCC, 350 KW, 1998	535.00 HP	1 /
2.	EMERGENCY GENERATOR - G-1, DIESEL, ENGINE: CUMMINS 350DFEG-4666167, 350 KW, 2010	755.00 HP	1 /
3.	EMERGENCY GENERATOR - G-2, G-3; DIESEL, ENGINE: CUMMINS 230DFAB, 230 KW, 1998	380.00 HP	2 /
4.	EMERGENCY GENERATOR - G-4, DIESEL, ENGINE: CUMMINS 230DFAB-4046602, 230 KW, 2000	380.00 HP	1 /
5.	EMERGENCY GENERATOR - G-5, DIESEL, ENGINE: CUMMINS 230DFAB-1708, 230 KW, 2001	380.00 HP	1 /
6.	EMERGENCY GENERATOR - G-6, DIESEL, ENGINE: CUMMINS 230DFAB-3382056, 230 KW, 1999	380.00 HP	1 /
7.	EMERGENCY GENERATOR - G-7, DIESEL, ENGINE: CUMMINS 230DFAB-5664970, 230 KW, 2004	380.00 HP	1 /
8.	EMERGENCY GENERATOR - G-8, PROPANE, ONAN J040702290, 2000	5.50 KW	1 /
9.	EMERGENCY GENERATOR - G-9, DIESEL, ENGINE: CUMMINS 230DFAB-5744265, 230 KW, 2005	380.00 HP	1 /
10.	EMERGENCY GENERATOR - G-10, DIESEL, ENGINE: CUMMINS DSHAC-5843535, 200 KW, 2007	310.00 HP	1 /
11.	EMERGENCY GENERATOR - G-11, DIESEL, ENGINE: CUMMINS DQDAA-5873218, 250 KW, 2007	352.00 HP	1 /
12.	EMERGENCY GENERATOR - G-12, DIESEL, ENGINE: DETROIT SED350FRX4T3 39689, 350 KW, 2008	685.00 HP	1 /
13.	EMERGENCY GENERATOR - G-13, G-14; DIESEL, ENGINE: JOHN DEER SED250FRJ4T3 39372, 250 KW, 2008	422.00 HP	2 /
14.	EMERGENCY GENERATOR - G-15 DIESEL, ENGINE: JOHN DEER SED150FRJ4T3 39374, 150 KW, 2008	237.00 HP	1 /
15.	EMERGENCY GENERATOR - G-16, DIESEL, ENGINE: JOHN DEER SD150RJ6T3, 250 KW, 2008	422.00 HP	1 /
16.	EMERGENCY GENERATOR - G-17, G-18, G-19; DIESEL, ENGINE: JOHN DEER 250RJS6DT3, 250 KW, 2010	422.00 HP	3 /
17.	EMERGENCY GENERATOR - FM-1, DIESEL, CUMMINS 125DSGAB, 125 KW, INSTALLED 2012	324.00 HP	1 /
18.	EMERGENCY GENERATOR - G-20, G-21, G-22; DIESEL, ENGINE: CUMMINS QSL9-G7; MANUFACTURED 2012	464.00 HP	3 /
GRAIN RECEIVING & STORAGE FACILITY			
1.	BUCKET ELEVATOR - RECEIVING/RECLAIM, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	2 /
2.	CONVEYOR - TRUCK & RAIL RECEIVING, DRAG CONVEYORS, TRUCK AND RAIL RECEIVING, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	3 /
3.	CONVEYOR - BELT CONVEYORS, RECEIVING TRANSFER AND BIN FILL, SCHLAGEL EQUIPMENT	1,400.00 TON(S)/HR	3 /
4.	CONVEYOR - BELT CONVEYOR, BIN RECLAIM, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	1 /
5.	EQUIPMENT - DISTRIBUTER/SWING SET, SCHLAGEL EQUIPMENT	700.00 TON(S)/HR	1 /
6.	BIN - 90', CORN STORAGE, CHIEF INDUSTRIES	14,420.00 TON(S)	2 / 1

Equipment List

HICKMANS EGG RANCH
Permit Number 040136

Equipment Description	Rated Capacity	Quantity Exist/Future
7. HOPPER - 27', CORN STORAGE	700.00 TON(S)	2 /
FEED MILL BUILDING		
1. BUCKET ELEVATOR - RECIEVING, MASH & GRINDING ELEVATORS, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	4 /
2. CONVEYOR - RECEIVING, RECLAIM, GRINDING & TRANSFER CONVEYORS, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	5 /
3. CONVEYOR - MICRO SYSTEM & RECLAIM SCREW CONVEYORS, SCHLAGEL EQUIPMENT	75.00 TON(S)/HR	30 /
4. MIXER - 6 TON MIXER, SCOTT EQUIPMENT	120.00 TON(S)/HR	1 /
5. EQUIPMENT - DISTRIBUTOR, SCHLAGEL EQUIPMENT	120.00 TON(S)/HR	5 /
6. GRINDER - RMS ROLLER-GRINDER	50.00 TON(S)/HR	1 / 1
7. BIN - FEED INGREDIENT STORAGE, CW WELDING, 26-85 TONS	85.00 TON(S)	20 /
8. BIN - LOADOUT	30.00 TON(S)	6 /
9. STORAGE - FLAT STORAGE BUILDING, BUNGER STEEL/STANDARD STRUCTURES	2,500.00 TON(S)	1 /
10. BIN - MICRO SYSTEM & TOTE BINS	1.00 TON(S)	12 /
OTHER		
1. TANK, ABOVEGROUND STORAGE - GASOLINE	500.00 GALLON(S)	1 /
De Minimis Equipment:		
1. CREMATORY - SHENANDOAH A27 LP, PROPANE OR NATURAL GAS, NOT IN USE	90.00 LB(S)/HR	1 /